

# Publications of Robert Konik

- F. Essler and R. M. Konik **Finite-temperature lineshapes in gapped quantum spin chains**, Phys. Rev. B Rapid Communications 78, 100403 (2008).
- R. M. Konik, F. Essler, and A. Tsvelik **Modelling magnetic fluctuations in the stripe ordered state** accepted by Phys. Rev. B.
- A. J. A. James, F. H. L. Essler, and R. M. Konik, **Finite-temperature dynamical structure factor of alternating Heisenberg chains** Phys. Rev. B 78, 094411 (2008).
- A. A. Gogolin, R. M. Konik, A.W.W. Ludwig, and H. Saleur **Counting Statistics for the Anderson Impurity Model: Bethe Ansatz and Fermi Liquid Study**, Ann. Phys. (Leipzig) 16, 678 (2007).
- R. M. Konik, Y. Adamov, **A Renormalization Group For Treating 2D Coupled Arrays of Continuum 1D Systems**, arXiv:0707.1160.
- R. M. Konik and T. M. Rice, **Orbital dependence of quasiparticle lifetimes in  $Sr_2RuO_4$** , Phys. Rev. B 76, 104501 (2007).
- R. M. Konik, **Kondo Physics and Exact Solvability of Double Dots Systems**, Phys. Rev. Lett. 99, 076602 (2007).
- R. M. Konik and Y. Adamov, **Numerical Renormalization Group for Continuum One-Dimensional Systems**, Phys. Rev. Lett. 98, 147205 (2007).
- F. H. L. Essler and R. M. Konik, **Dynamical spin response of doped two-leg Hubbard-like ladders**, Phys. Rev. B 75, 144403 (2007).
- R. M. Konik, T. M. Rice, and A. Tsvelik, **Doped Spin Liquid: Luttinger Sum Rule and Low Temperature Order**, Phys. Rev. Lett. 96 (2006) 086407.
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- R. M. Konik, **Haldane Gapped Spin Chains: Exact Low Temperature Expansions of Correlation Functions**, Phys. Rev. B. 68, 104435 (2003).
- R. M. Konik and Paul Fendley **Haldane-Gapped Spin Chains as Luttinger Liquids: Correlation Functions at Finite Field**, Phys. Rev. B 66 (2002) 144416.
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